

Declaration and Power of Attorney For a Patent Application

Declaration

As below named inventor, I hereby declare that my residence, post office address, and citizenship are as stated below my name. Further, I hereby declare that I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (If plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

System and Methods for a Vernam Stream Cipher, a Keyed One-Way Hash And a Non-Cyclic Pseudo-Random Number Generator

the specification of which:

X is attached hereto, or
 ___ was filed on _____ as application serial no. _____: and
 ___ was amended on _____

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above; and

I acknowledge the duty to disclose information that is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56(a).

Foreign Priority Claim

I hereby claim foreign priority benefits under Title 35, United States Code Section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

| Number | Country | Date Filed | Priority Claimed |
|--------|---------|------------|----------------------------------------------------------|
| _____ | _____ | _____ | <input type="checkbox"/> yes <input type="checkbox"/> no |
| _____ | _____ | _____ | <input type="checkbox"/> yes <input type="checkbox"/> no |

U.S. Priority Claim

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

| Serial Number | Filing Date | Status (patented/pending/abandoned) |
|---------------|-------------|-------------------------------------|
| _____ | _____ | _____ |
| _____ | _____ | _____ |

Power of Attorney

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent Trademark Office connected therewith.

Richard H. Butt

Registration No.: 40,932

Registration No.: _____

Registration No.: _____

Registration No.: _____

Send Correspondence to:

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Signatures

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Sole/First Inventor: ALEXANDER I. ALTEN

Inventor's Signature:  Date : AUGUST 22, 2001

Residence: Pleasanton California Citizenship US
(City) (State)

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**STATEMENT CLAIMING SMALL ENTITY STATUS
(37 CFR 1.9(f) & 1.27(b)) -- INDEPENDENT INVENTOR**

Docket Number (Optional)
ALTEN-00100

Applicant, Patentee, or Identifier: ALEXANDER I. ALTEN

Application or Patent No.: _____

Filed or Issued: Herewith

Title: System and Methods for a Vernam Stream Cipher, a Keyed One-Way Hash
and a Non-Cyclic Pseudo-Random Number Generator

As a below named inventor, I hereby state that I qualify as an independent inventor as defined in 37 CFR 1.9(c) for purposes of paying reduced fees to the Patent and Trademark Office described in:

- ☒ the specification filed herewith with title as listed above.
- ☐ the application identified above.
- ☐ the patent identified above.

I have not assigned, granted, conveyed or licensed and am under no obligation under contract or law to assign, grant, convey, or license, any rights in the invention to any person who would not qualify as an independent inventor under 37 CFR 1.9(c) if that person had made the invention, or to any concern which would not qualify as a small business concern under 37 CFR 1.9(d) or a non-profit organization under 37 CFR 1.9(e).

Each person concern, or organization to which I have assigned, granted, conveyed, or licensed or am under an obligation under contract or law to assign, grant, convey, or license any rights in the invention is listed below:

- ☒ No such persons, concerns, or organizations exist.
- ☐ Persons, concerns, or organizations are listed below:

Separate verified statements are required from each named person, concern, or organization having rights to the invention averring to their status as small entities. (37 CFR 1.27)

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b))

ALEXANDER I. ALTEN
NAME OF INVENTOR


Signature of Inventor

AUGUST 22, 2001
Date